

#### Reliable

Approvals for hazardous areas

#### **Cost effective**

Process instrumentation secures ongoing plant operation

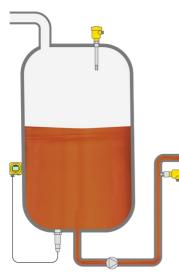
User friendly Standardised operation of all sensors

# Storage tanks for alcohol

# Level measurement and point level detection in the storage tank

Alcohol storage tanks are considered potentially explosive and are therefore kept in special rooms. When the alcohol is needed, it is pumped directly to the appropriate production vessel through a "ring main" supply system. Reliable measuring instruments are required for dependable measurement of the level in the tank and for monitoring the feed pressure in the pipeline.

#### More details





## **VEGABAR 82**

Pressure transmitter for level measurement in the alcohol tank and for monitoring pressure in the supply main

- External housing allows easy reading of measured values in hazardous areas
- Small process fittings on the pipeline
- Resistant to dynamic CIP and SIP cleaning

## **Show Product**

# **VEGASWING 63**

Vibrating level switch in the alcohol tank for overfill protection

- Maintenance-free tuning fork reliably detects switch-off point regardless of the consistency of the alcohols
- Simple setup without adjustment
- Maximum reliability and safety in hazardous areas

## **Show Product**



PRO	PRO
VEGABAR 82	VEGASWING 63
Show Product	Show Product
Measuring range - Distance	Process temperature
-	-50 250 °C
Measuring range - Pressure	Process pressure
-1 100 bar	-1 64 bar
Process temperature -40 150 °C	Version Standard Hygienic applications
Process pressure -1 100 bar	with gas-tight leadthrough with tube extension with temperature adapter
Accuracy 0.05 %	Materials, wetted parts
Materials, wetted parts	PFA
PVDF	316L
316L	Alloy C22 (2.4602)
Alloy C22 (2.4602)	Alloy 400 (2.4360)
PP	ECTFE
1.4057	Enamel
1.4410	Threaded connection
Alloy C276 (2.4819)	≥ G <sup>3</sup> / <sub>4</sub> , ≥ <sup>3</sup> / <sub>4</sub> NPT
Duplex (1.4462)	Flange connection
Titanium Grade 2 (3.7035)	≥ DN25, ≥ 1"
Threaded connection $\geq G_{2}^{1}, \geq \frac{1}{2} \text{ NPT}$	Hygenic fittings
Flange connection ≥ DN15, ≥ ½"	Clamp ≥ 1" - DIN32676, ISO2852 Slotted nut ≥ 1½", ≥ DN40 - DIN 11851 Varivent ≥ DN25
Hygenic fittings	hygienic fitting F40 with compression nut
Clamp ≥ 1" - DIN32676, ISO2852	SMS 1145 DN51
Slotted nut ≥ DN25 - DIN 11851	SMS DN38
hygienic fitting with tension flange DN32	Hygienic fittings ≥ DN25 - DIN11864-1-A
hygienic fitting F40 with compression nut	Hygienic flange connection DIN11864-2-A;
DRD connection ø 65 mm	DN60(ISO)ø60,3
SMS 1145 DN51	SMS socket piece DN38 PN6
SMS DN38	Seal material
Swagelok VCR screwing	no media contact
Varivent G125 Varivent N50-40 for NEUMO BioControl D50 PN16 / 316L	Housing material Plastic
Seal material EPDM	Aluminium Stainless steel (precision casting) Stainless steel (electropolished)
FKM	Protection rating
FFKM	IP66/IP67

IP66/IP67 IP66/IP68 (1 bar) IP65

